

Vette-Air Intake Systems

The current C6/C6 Z06 factory fresh air capability is a very obstructive design. The Vette-Air cold air system eliminates such inefficiencies by directing fresh cooler air directly into your air inlet. The Vette-Air scoops the incoming air from the front of your vehicle, thus lowering Manifold Air Temperatures. Remember; cold air means more “power”.

Dyno results have shown a gain of 8 to 10 rear wheel horsepower or greater on stock vehicles when providing fresh air into the Vette-Air with a fan. Remember, as speed increases so does the air volume and the potential of even greater power gains on the road.

Please follow these instructions along with the accompanying illustrations:

STEP 1

Disconnect the battery.

(Note: This will enable the PCM to learn new breathing capabilities much sooner)

STEP 2

Disconnect your mass air flow sensor. Take a flat head screwdriver and loosen the clamp that supports the vehicle air filtration system to the throttle body.

STEP 3

Your current shroud can be modified on the car or removed from the car, whichever you prefer.

Experience has shown that **on the car** is much easier. If you ever want to return the shroud back to original, GM sells the unit for approx. \$38.50.

STEP 4

Use the template provided and map out cutting lines. Cut away opening hole by using a dremel or utility knife, drill the two front mounting holes/the closest to the front bumper (use a 1/4”-drill bit).

(See illustration)

STEP 5

Now it's time to install your Vette-Air. Depending on ride height or installation location, raising the vehicle may be necessary to gain access to the mounting points of the air dam cover (10mm & 7mm bolts). See (Fig. 1). Removing air dam cover will allow you to slide your Vette-Air lip from underneath into the pre-cut slot/position. You can also remove the front grill mesh for a frontal access (optional); it is held by ten plastic push plugs (Fig. 2). Once the unit is in position, drill the two back mounting holes (use a 1/4"-drill bit) guided by the Vette-Air back lip pre-drilled holes. (See illustration)

STEP 6

Once the Vette-Air sits in its pre-cut slot/cavity, then insert bolts from top of shroud through the bottom of the Vette-Air by using the (2) provided 3 1/2" lengths bolts and slip in provided rubber sleeves (optional) for added stealth. Secondly, now install back mounting bolts (1) shorter bolt **passenger** side and (1) longer bolt **driver** side. Please, Do Not over tighten any bolts/nuts. Nuts provided are "nylon" threaded nuts; it will not vibrate loose.

STEP 7

Double-check all mounting points from top to bottom before reinstalling bottom air dam or front mesh (if removed). Now reassemble vehicle by installing bottom air dam or the front mesh
(If necessary) then lower vehicle.

STEP 8

Move to engine bay and reinstall air filter filtration system, connect mass air and then tighten clamp to throttle body. Reinstall battery connection then start vehicle. Drive vehicle for a few miles allowing the PCM further learning time. Some

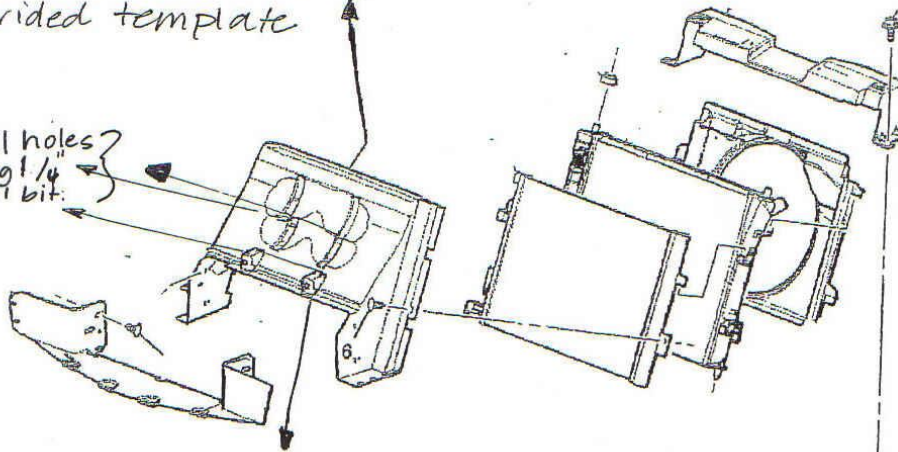
vehicles may flash the “check engine” light, as it does when installing aftermarket headers, do not be alarmed, it will go away after a short few miles.

Note: The Vette-Air Intake System has an acute upstream air path, and driving through rain should not be a problem. Please use caution when driving through deep water. As with any vehicle with low center of gravity such as the Corvette, driving in high water conditions can cause serious engine damage. Use your best judgment.

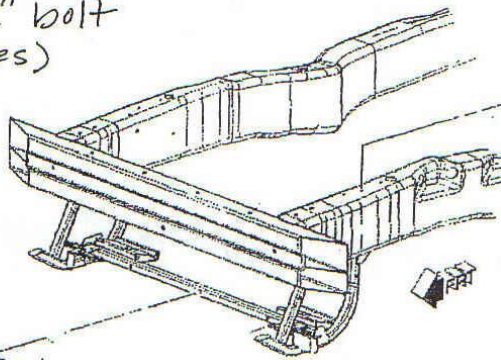
Thank you for your patronage!

Pre-cut shroud using provided template

Drill holes using 1/4" drill bit.



Insert 3 1/2" bolt (front holes)



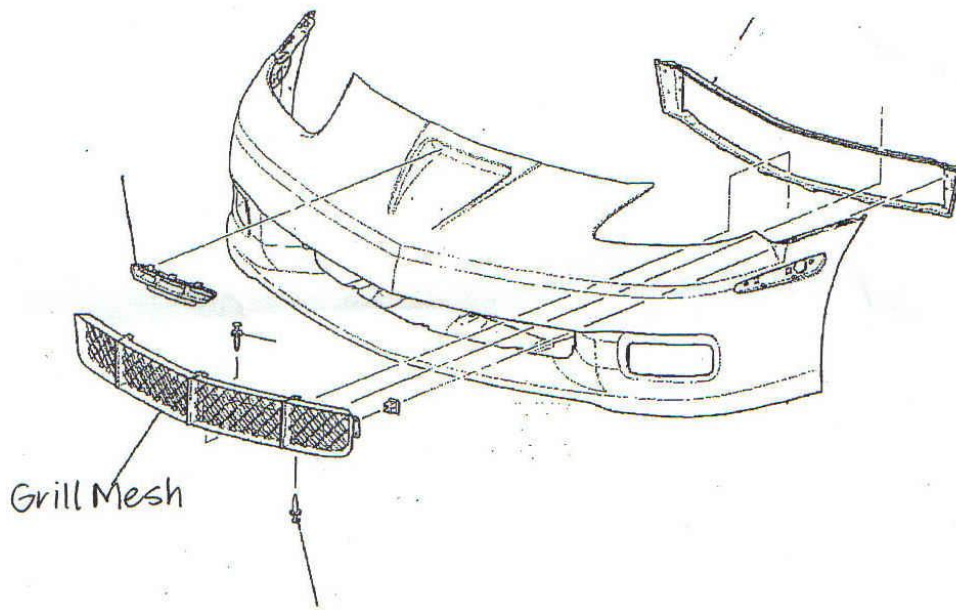
Remove (3) bolts to gain better mounting access

AIR-DAM COVER

FIGURE 1

CHEVROLET, Year: 06, Model: Corvette

OPTIONAL



Remove (10) plastic retainers (upper & lower)

FIGURE 2

Fig. 1 - Cut marks on Shroud for Charger Assembly
NOTE: 1) Ghosted area is removed for Charger
2) Two holes indicated are for mounting Charger to shroud (see template)

